

# The Trail Inventory of Muleshoe NWR Muleshoe, TX



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Federal Highway Administration  
Central Federal Lands Highway Division  
February, 2012



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# Muleshoe NWR

## Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

Trail Surface Type	Excellent		Good		Poor		Total
	Miles	%	Miles	%	Miles	%	Miles
Native	0.84	76%	0.06	5%	0.21	19%	1.11
Mowed	0.10	100%	0.00	0%	0.00	0%	0.10
Total	0.94	78%	0.06	5%	0.21	17%	1.21

Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Excellent		Good		Poor		Total
	Miles	%	Miles	%	Miles	%	Miles
TC2	0.94	78%	0.06	5%	0.21	17%	1.21
Total	0.94	78%	0.06	5%	0.21	17%	1.21

\*Admin Roads are included in the inventory but are not rated for condition.

## Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T200	Sign	1	No	0.00	MULE_C2_088 3
T200	Trailhead	1	No	0.00	MULE_C2_088 4
T200	Step: Log -each	5	No	0.01	
T200	Sign	1	No	0.03	MULE_C2_088 5
T200	Bench	1	No	0.19	
T200	Bridge -sf	54	No	0.19	MULE_C2_088 6
T200	Begin Section	1	No	0.31	MULE_C2_090 3
T200	Sign	1	No	0.43	MULE_C2_088 7
T200	Begin Section	1	No	0.43	MULE_C2_090 4
T200	Bridge -sf	32	No	0.43	MULE_C2_090 4
T200	Sign	1	No	0.45	MULE_C2_088 8
T200	Bench	1	No	0.46	
T200	Sign	1	No	0.47	MULE_C2_088 9
T200	Sign	1	No	0.49	MULE_C2_089 0
T200	Sign	1	No	0.53	MULE_C2_089 1
T200	Sign	1	No	0.56	MULE_C2_089 2
T200	Sign	1	No	0.60	MULE_C2_089 3
T200	Sign	1	No	0.61	MULE_C2_089 4
T200	Sign	1	No	0.62	MULE_C2_089 5
T200	Sign	1	No	0.64	MULE_C2_089 6
T200	Sign	1	No	0.65	MULE_C2_089 7
T200	Sign	1	No	0.68	MULE_C2_089 8
T200	Sign	1	No	0.73	MULE_C2_089 9
T200	Begin Section	1	No	0.76	MULE_C2_090 2



T200	Sign	1	No	0.76	MULE_C2_089 9
T200	Bench	1	No	0.78	
T201	Sign	1	No	0.00	MULE_C2_090 5
T201	Trailhead	1	No	0.00	MULE_C2_090 5
T201	Bridge -sf	126	No	0.08	MULE_C2_090 6
T201	Bench	1	No	0.21	

sf - square feet

lf - linear feet

cf - cubic feet

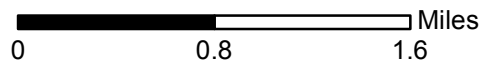
# Muleshoe NWR Trail Location Map



Station Boundary



HQ/VC



## Trails ID

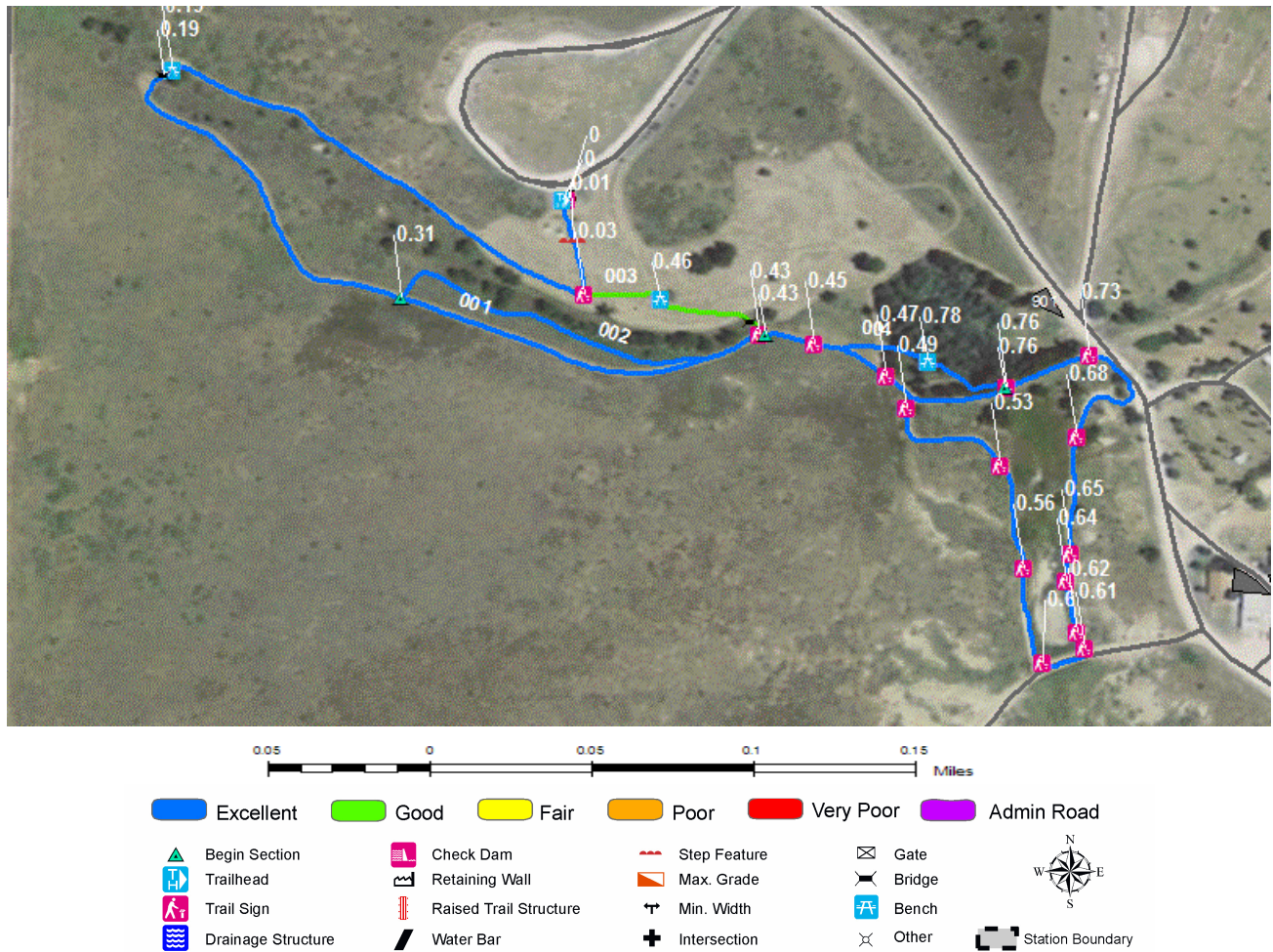
Station Name: Muleshoe NWR

Org Code: 21590

Trail Number	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T200	Swamp Trail	Mowed	10047129	0.10	From Camping Loop Road (Rte 100) to End
T200	Swamp Trail	Native	10047129	0.90	From Camping Loop Road (Rte 100) to End
T201	Paul's Lake Trail	Native	10047129	0.21	From Paul's Lake Parking Area (Rte 904) to End



## TRAIL CONDITION



**Trail Name:** Swamp Trail

**Refuge Name:** Muleshoe NWR

**Trail Number:** T200

**Region:** 2

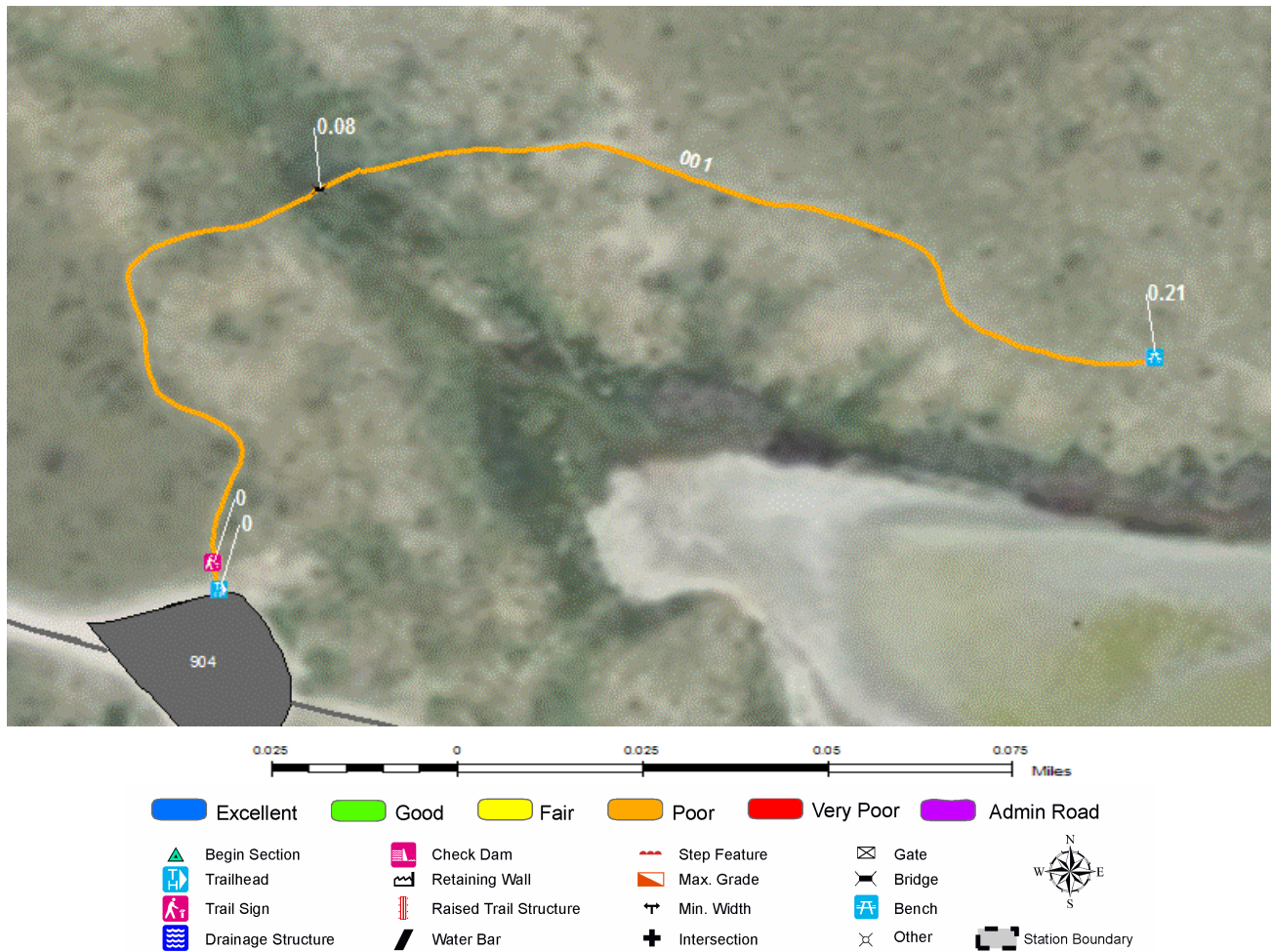
**Total Length:** 1.00 Miles

Section Number	001	002	003	004
Section Length (miles)	0.79	0.10	0.06	0.05
SAMMS Number	10047129	10047129	10047129	10047129
Rating Date	05/10/2006	05/10/2006	05/10/2006	05/10/2006
<b>Trail Section Information</b>				
Trail Class	TC2	TC2	TC2	TC2
Surface Type	Native	Mowed	Native	Native
Surface Firmness	Firm	Firm	Firm	Firm
Width (inches)	120	120	120	24
Average Grade (%)	2.9	2.9	2.9	2.9
Average X-slope (%)	4.40	4.40	4.40	4.40
<b>Trail Condition Information</b>				
Deferred Maintenance			\$791	
CRV	\$151,965	\$4,809	\$11,542	\$1,924
FCI	0.00	0.00	0.05	0.00
Condition	Excellent	Excellent	Good	Excellent

### Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$791	\$170,240	0.00	Excellent

## TRAIL CONDITION



**Trail Name:** Paul's Lake Trail  
**Trail Number:** T201

**Refuge Name:** Muleshoe NWR  
**Region:** 2

**Total Length:** 0.21 Miles

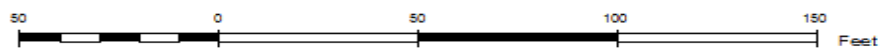
Section Number	001
Section Length (miles)	0.21
SAMMS Number	10047129
Rating Date	05/10/2006
<b>Trail Section Information</b>	
Trail Class	TC2
Surface Type	Native
Surface Firmness	Firm
Width (inches)	108
Average Grade (%)	1.5
Average X-slope (%)	2.10
<b>Trail Condition Information</b>	
Deferred Maintenance	\$7,457
CRV	\$36,355
FCI	0.15
Condition	Poor

### Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$7,457	\$36,355	0.15	Poor



## TRAIL DEFICIENCY



**Trail Name:** Swamp Trail

**Refuge Name:** Muleshoe NWR

**Trail Number:** T200

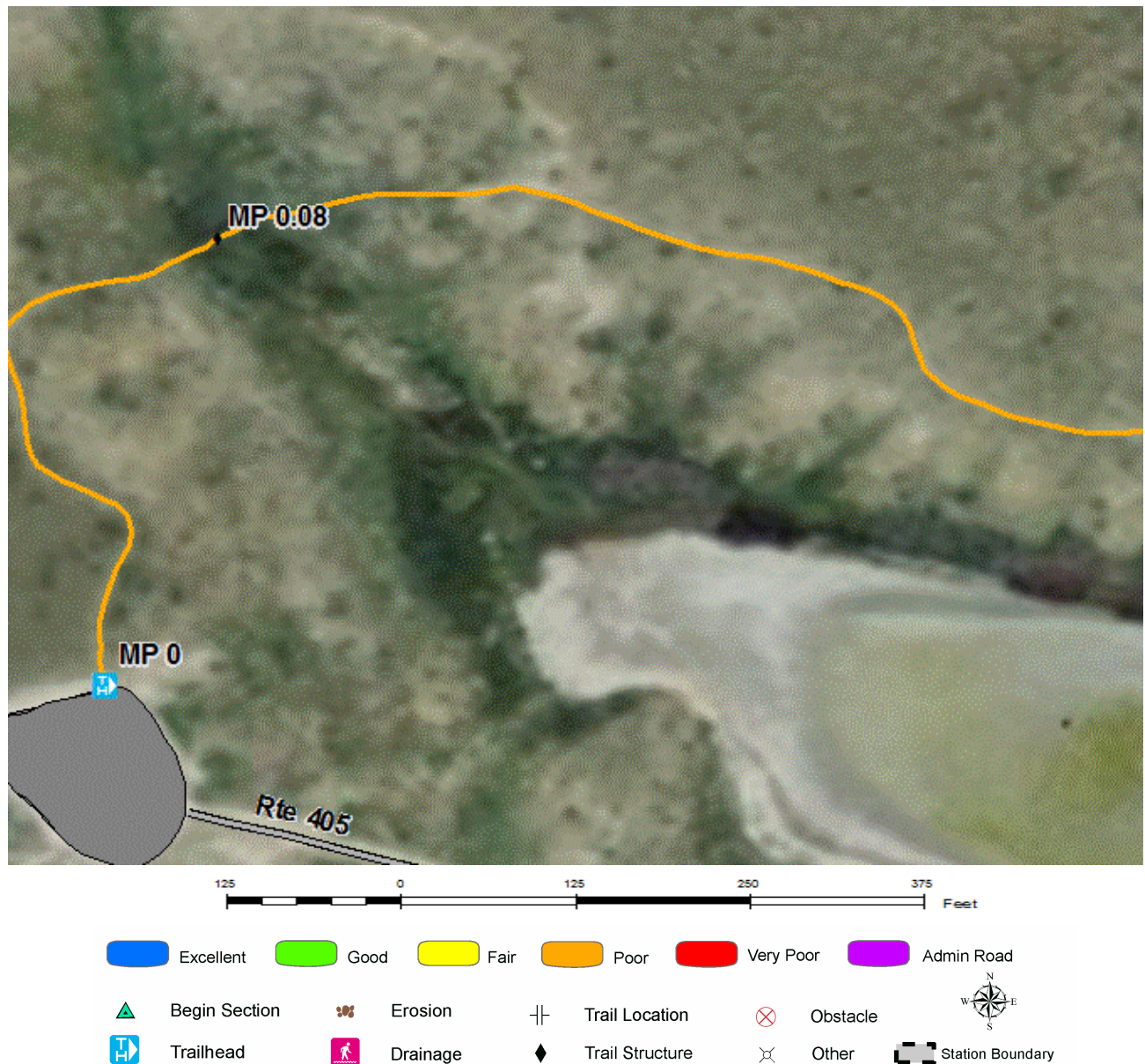
**Region:** 2

**Total Length:** 1.00 Miles

Mile Post	0.43
Section Number	003
Photo Number	MULE_C2_0904
Deficiency	Trail Structure
Action	Repair
Item	Bridge -sf
Quantity	32
Deferred Maintenance	\$791



## TRAIL DEFICIENCY



**Trail Name:** Paul's Lake Trail

**Refuge Name:** Muleshoe NWR

**Trail Number:** T201

**Region:** 2

**Total Length:** 0.21 Miles

Mile Post	0.08
Section Number	001
Photo Number	MULE_C2_0906
Deficiency	Trail Structure
Action	Replace
Item	Bridge -sf
Quantity	126
Deferred Maintenance	\$7,457



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0884 - MP 0.00 - Trailhead

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0883 - MP 0.00 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0885 - MP 0.03 - Sign

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0886 - MP 0.19 - Bridge -sf



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0887 - MP 0.43 - Sign

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0888 - MP 0.45 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0889 - MP 0.47 - Sign

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0890 - MP 0.49 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0891 - MP 0.53 - Sign

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0892 - MP 0.56 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0893 - MP 0.60 - Sign

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0894 - MP 0.61 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0895 - MP 0.62 - Sign

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0896 - MP 0.64 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0897 - MP 0.65 - Sign

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0898 - MP 0.68 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0899 - MP 0.73 - Sign

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0899 - MP 0.76 - Sign



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0903 - MP 0.31 - Begin Section

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0904 - MP 0.43 - Begin Section



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0904 - MP 0.43 - Bridge -sf

TRAIL NUMBER: T200  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0902 - MP 0.76 - Begin Section



## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T201  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0905 - MP 0.00 - Trailhead

TRAIL NUMBER: T201  
STATION: Muleshoe NWR  
DATE: 05/10/2006



Photo # MULE\_C2\_0905 - MP 0.00 - Sign

## PHOTOGRAPHIC SHEET

TRAIL NUMBER: T201

STATION: Muleshoe NWR

DATE: 05/10/2006

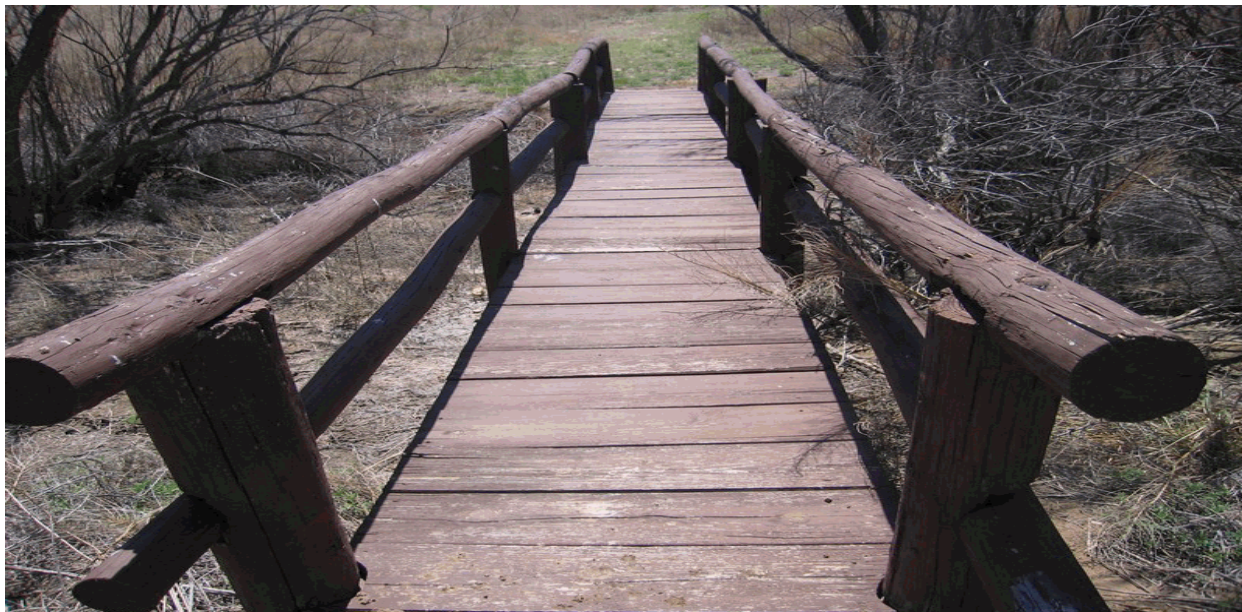


Photo # MULE\_C2\_0906 - MP 0.08 - Bridge -sf

## Glossary of Terms and Abbreviations

<b>Acc Info</b>	Accessibility information available at trailhead.
<b>Action</b>	Action required to correct deficiency.
<b>Admin Road</b>	Administration Road. Admin Roads signed and advertised as trails are included in the trail inventory but a condition assessment is NOT done.
<b>Alt SAMMS</b>	SAMMS number of Alternate Facility Type.
<b>Alt Type</b>	Alternate Facility Type. Trail lies on a feature such as a levee, dam, administrative road or bridge, which has a separate SAMMS number.
<b>AvgGrade</b>	The average grade of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
<b>AvgSlope</b>	The average cross-slope of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
<b>Check Dam</b>	A small dam constructed across a drainage ditch, swale, or channel to lower the speed of concentrated flows.
<b>Condition</b>	Subjective rating of trail based on Facility Condition Index (FCI): FCI $\leq$ .01 = Excellent FCI .02 - .05 = Good FCI .06 - .10 = Fair FCI .11 - .20 = Poor FCI $>$ .20 = Failed
<b>Crib Wall</b>	Retaining wall.
<b>Current Replacement Value (CRV)</b>	The value of an asset determined by the estimated cost of replacing it.
<b>Def type</b>	Deficiency Type: Trail Structure, Drainage, Erosion, Obstacle, Trail Location, Other.
<b>Deferred Maintenance (DM)</b>	Maintenance that was not performed when scheduled.

<b>Elem ID</b>	Unique identifier for each trail section: Org Code-Trail Number-Section Number.
<b>Facility Condition Index (FCI)</b>	DM/CRV
<b>Grouped Features</b>	Grouped features include non-unique signs (mileposts, interpretive signs, species identification, etc.), water bars, check dams, steps, drain and drainage dips. For any given grouped feature, a GPS point and photo are taken for the first occurrence only and the total number of features in the group are entered into the “quantity” field of the data dictionary.
<b>Info Type</b>	Type of accessibility information available at trailhead: brochure, sign or other.
<b>Item</b>	Item on which the “Action” (see above) will be performed.
<b>Manage_Use</b>	Managed use of the trail: HIKE, BIKE, NSPC (non-specified), PACK, POR (portage), SNOWSHOE, XSKI (cross-country ski), OTHER.
<b>MP</b>	Distance of a trail feature or deficiency from the Trailhead.
<b>Puncheon</b>	Log footbridge used in area of poor drainage.
<b>Raised Trail Structure</b>	Boardwalk, Turnpike, Puncheon.
<b>T Class</b>	Trail Class: I-V (see Appendix ? for trail class descriptions).
<b>Tr Desig</b>	Trail Designation: Standard (Std), National Historic Trail (NHT), National Recreation Trail (NRT), National Scenic Trail (NST).
<b>Turnpike</b>	Trail tread elevated with dirt, rock or other aggregate from parallel side ditches and held in place by logs.